

Environmental Restoration Project



Area of Concern (AOC) No. 1030: Building 6587 Septic System, TA-III

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicate that this system consisted of a septic tank plumbed to two seepage pits. The septic tank and seepage pits are located about 200 and 430 feet respectively west of Building 6587, in TA-III. It is assumed that this septic system was abandoned in the early 1990s when the City of Albuquerque sanitary sewer system was extended into TA-III. No other historical research has been conducted for this site.

Constituents of Concern

Constituents of concern for this site are unknown.

Current Hazards

No known surface hazards have been identified. Analytical data for soil samples collected at the site had not been compiled as of November 2001; therefore potential subsurface environmental hazards are unknown.

Current Status of Work

Samples were collected from the septic tank in late 1990 or early 1991, 1992, and 1995 for waste characterization purposes. Residual tank contents were pumped out and the tank cleaned in March 1996.

Shallow soil samples were collected from two borings drilled down through the center of and below each of the two seepage pits in June 1998 and again in August 1999. These samples were

analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

Future Work Planned

Analytical results for the soil samples collected in 1998 and 1999 will be compiled and reviewed.

To further determine if environmental contamination is present beneath this system and in accordance with agreements reached with New Mexico Environment Department (NMED) personnel, passive soil vapor samplers will be installed at the site. These samplers will be used to detect the presence or absence of VOCs and are scheduled to be installed in Fiscal Year 2003. As shown on the site map, passive soil vapor samplers will be placed at six locations in the area of the two seepage pits. This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

Waste Volume Estimated/Generated

A total of 2,595 gallons of effluent (including water introduced to facilitate pumping) was removed from the septic tank in March 1996. No environmental characterization or remediation waste has been generated at the site to date.

Information for ER Site 1030 was last updated Dec 17, 2001.